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## Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

## **Listing of Claims:**

What we claim is:-

(Original) A compound of formula (1): 1.

Z is selected from -CONR<sup>15</sup>OH and -N(OH)CHO:

R<sup>15</sup> is hydrogen or C<sub>1-3</sub>alkyl;

R<sup>1</sup> is hydrogen or a group selected from C<sub>1-6</sub>alkyl, C<sub>2-6</sub>alkenyl, C<sub>2-6</sub>alkynyl, C<sub>3-7</sub>cycloalkyl, C<sub>5-</sub> 7cycloalkenyl, aryl and heteroaryl where the group is optionally substituted by one or more substituents independently selected from halo, nitro, cyano, trifluoromethyl, trifluoromethyloxy, C<sub>1-4</sub>alkyl, C<sub>2-4</sub>alkenyl, C<sub>2-4</sub>alkynyl, C<sub>3-6</sub>cycloalkyl (optionally substituted by one or more R<sup>17</sup>), aryl (optionally substituted by one or more R<sup>17</sup>), heteroaryl (optionally substituted by one or more R<sup>17</sup>), heterocyclyl, C<sub>1-4</sub>alkoxycarbonyl, -OR<sup>5</sup>, -SR<sup>2</sup>, -SOR<sup>2</sup>, -SO<sub>2</sub>R<sup>2</sup>, -COR<sup>2</sup>, -CO<sub>2</sub>R<sup>5</sup>, -CONR<sup>5</sup>R<sup>6</sup>, -NR<sup>16</sup>COR<sup>5</sup>, -SO<sub>2</sub>NR<sup>5</sup>R<sup>6</sup> and -NR<sup>16</sup>SO<sub>2</sub>R<sup>2</sup>;

R<sup>16</sup> is hydrogen or C<sub>1-3</sub>alkyl:

R<sup>17</sup> is selected from halo, nitro, cyano, trifluoromethyl, trifluoromethoxy, C<sub>1-6</sub>alkyl, C<sub>3</sub>. 6cycloalkyl and C<sub>1-6</sub>alkoxy;

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 $R^2$  is group selected from  $C_{1-6}$ alkyl,  $C_{3-6}$ cycloalkyl,  $C_{5-7}$ cycloalkenyl, heterocycloalkyl, aryl, heteroaryl, aryl $C_{1-4}$ alkyl and heteroaryl $C_{1-4}$ alkyl where the group is optionally substituted by one or more halo;

 $R^5$  is hydrogen or a group selected from  $C_{1-6}$ alkyl,  $C_{3-6}$ cycloalkyl,  $C_{5-7}$ cycloalkenyl, heterocycloalkyl, aryl, heteroaryl, aryl $C_{1-4}$ alkyl and heteroaryl $C_{1-4}$ alkyl where the group is optionally substituted by one or more halo;

R<sup>6</sup> is hydrogen, C<sub>1-6</sub>alkyl or C<sub>3-6</sub>cycloalkyl;

or R<sup>5</sup> and R<sup>6</sup> together with the nitrogen to which they are attached form a heterocyclic 4- to 7-membered ring;

 $R^8$  is hydrogen or a group selected from  $C_{1-6}$ alkyl,  $C_{3-7}$ cycloalkyl and  $C_{5-7}$ cycloalkenyl where the group is optionally substituted by one or more substituents independently selected from halo, nitro, cyano, trifluoromethyl, trifluoromethyloxy and  $C_{1-4}$ alkyl;

R<sup>3</sup> and R<sup>4</sup> are both hydrogen;

n is 0 or 1;

m is 0 or 1;

D is hydrogen, C<sub>1-4</sub>alkyl, C<sub>3-6</sub>cycloalkyl or fluoro;

X is  $-(CR^9R^{10})_t-Q-(CR^{11}R^{12})_u$  where t and u are independently 0 or 1 with the proviso that t and u cannot both be 0;

Q is O, S, SO or  $SO_2$ ;

 $R^9$ ,  $R^{10}$ ,  $R^{11}$ and  $R^{12}$  are independently selected from hydrogen,  $C_{1\text{-4}}$ alkyl and  $C_{3\text{-6}}$ cycloalkyl; B is a group selected from aryl, heteroaryl, heterocyclyl,  $C_{3\text{-10}}$ cycloalkyl and  $C_{5\text{-7}}$ cycloalkenyl where each group is optionally substituted by one or more groups independently selected from nitro, trifluoromethyl, trifluoromethyloxy, halo,  $C_{1\text{-4}}$ alkyl (optionally substituted by one or more  $R^{13}$ ),  $C_{2\text{-4}}$ alkenyl,  $C_{2\text{-4}}$ alkynyl,  $C_{3\text{-6}}$ cycloalkyl (optionally substituted by one or more  $R^{13}$ ), heterocycloalkyl, heteroaryl, aryl,  $-OR^{13}$ , cyano,  $-NR^{13}R^{14}$ ,  $-CONR^{13}R^{14}$ ,  $-NR^{16}COR^{13}$ ,  $-SO_2NR^{13}R^{14}$ ,  $-NR^{16}SO_2R^{13}$ ,  $-SR^{13}$ ,  $-SO_2NR^{13}R^{14}$ ,  $-NR^{16}SO_2R^{13}$ ,  $-SR^{13}R^{14}$ , -

R<sup>7</sup> is C<sub>1-6</sub>alkyl or C<sub>3-6</sub>cycloalkyl

R<sup>13</sup> and R<sup>14</sup> are independently hydrogen, C<sub>1-6</sub>alkyl or C<sub>3-6</sub>cycloalkyl;

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or R<sup>13</sup> and R<sup>14</sup> together with the nitrogen to which they are attached form a heterocyclic 4 to 7-membered ring.

or a pharmaceutically acceptable salt or an in vivo hydrolysable ester thereof.

- 2. (Original) A compound according to claim 1 wherein X is -(CH<sub>2</sub>)-O-, -O-(CH<sub>2</sub>)-, (CH<sub>2</sub>)-O-(CH<sub>2</sub>)- or -(CHMe)-O-.
- 3. (Currently amended) A compound according to claim 1-or 2 wherein  $R^1$  is  $C_{1-4}$ alkyl,  $C_{2-4}$ alkynyl,  $C_{3-6}$ cycloalkyl, aryl, heteroaryl and  $C_{1-4}$ alkyl substituted by aryl or heteroaryl wherein any  $R^1$  group is optionally substituted by one or more substitutents independently selected from halo, cyano, nitro,  $C_{1-4}$ alkoxy,  $C_{1-4}$ alkyl, trifluoromethyl and trifluoromethoxy.
- 4. (Currently amended) A compound according to any one of claims 1 to 3 claim 1 wherein B is a group selected from aryl, heteroaryl, heterocyclyl,  $C_{3-10}$ cycloalkyl and  $C_{5-7}$ cycloalkenyl where each group is optionally substituted by one or more groups independently selected from nitro, trifluoromethyl, halo,  $C_{1-4}$ alkyl, heteroaryl,  $-OR^{13}$ , cyano,  $-NR^{13}R^{14}$ ,  $-CONR^{13}R^{14}$  and  $-NR^{16}COR^{13}$ .
- 5. (Original) A compound according to claim 4 wherein B is aryl, heteroaryl or  $C_3$ . 6cycloalkyl optionally substituted by 1, 2 or 3 groups independently selected from  $C_{1-4}$ alkyl, halo, cyano, nitro,  $C_{1-4}$ alkoxy and trifluoromethyl
- 6. (Original) A compound according claim 5 wherein B is 2,5-dimethylphenyl or 2-methylquinolin-4-yl.
- 7. (Original) A compound according to claim 1, selected from:

  (R/S)-1-[({4-[(2-methylquinolin-4-yl)methyloxy]piperidin-1-yl}sulphonyl)methyl]-4-pyrimidin-2-ylbutyl(hydroxy)formamide;

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(R/S)-1-methyl-2-({4-[(2-methylquinolin-4-yl)methoxy]piperidin-1-

yl}sulphonyl)ethyl(hydroxy)formamide;

(R/S)-1-pyrid-3-yl-2-({4-[(2-methylquinolin-4-yl)methoxy]piperidin-1-

yl}sulphonyl)ethyl(hydroxy)formamide;

(R/S)-1-(1H-imidazol-4-yl)-2-({4-[(2-methylquinolin-4-yl)methoxy]piperidin-1-

yl}sulphonyl)ethyl(hydroxy)formamide;

(R/S)-2-({4-[(2,5-dimethylbenzyl)oxy]piperidin-1-yl}sulphonyl)-1-pyrid-3-

ylethyl(hydroxy)formamide;

(R/S)-[1-({[4-(2,5-dimethylbenzyloxy)piperidin-1-yl]sulphonyl}methyl)-3-

phenylpropyl]hydroxyformamide;

(R/S)-2-({4-[(2,5-dimethylbenzyl)oxy]piperidin-1-yl}sulphonyl)-1-[4-fluoro-2-

(trifluoromethyl)phenyl]ethyl(hydroxy)formamide;

 $(R/S)-2-({4-[(2,5-dimethylbenzyl)oxy]piperidin-1-yl}sulphonyl)-1-[2-$ 

(trifluoromethyl)phenyl]ethyl(hydroxy)formamide;

(R/S)-2-({4-[(2,5-dimethylbenzyl)oxy]piperidin-1-yl}sulphonyl)-1-[3-

(trifluoromethyl)phenyl]ethyl(hydroxy)formamide;

 $(R/S)-2-(\{4-[(2,5-dimethylphenoxy)methyl]piperidin-1-yl\}sulphonyl)-1-(4-[(2,5-dimethylphenoxy)methyl]piperidin-1-yl\}sulphonyl)-1-(4-[(2,5-dimethylphenoxy)methyl]piperidin-1-yl]sulphonyl)-1-(4-[(2,5-dimethylphenoxy)methyl]piperidin-1-yl]sulphonyl)-1-(4-[(2,5-dimethylphenoxy)methyl]piperidin-1-yl]sulphonyl)-1-(4-[(2,5-dimethylphenoxy)methyl]piperidin-1-yl]sulphonyl)-1-(4-[(2,5-dimethylphenoxy)methyl]piperidin-1-yl]sulphonyl)-1-(4-[(2,5-dimethylphenoxy)methyl]piperidin-1-yl]sulphonyl)-1-(4-[(2,5-dimethylphenoxy)methyl]piperidin-1-yl]sulphonyl)-1-(4-[(2,5-dimethylphenoxy)methyl]piperidin-1-yl]sulphonyl)-1-(4-[(2,5-dimethylphenoxy)methyl]piperidin-1-yl]sulphonyl)-1-(4-[(2,5-dimethylphenoxy)methyl]piperidin-1-yl]sulphonyl)-1-(4-[(2,5-dimethylphenoxy)methyl]piperidin-1-yl]sulphonyl)-1-(4-[(2,5-dimethylphenoxy)methylphenoxy)-1-(4-[(2,5-dimethylphenoxy)methylphenox$ 

fluorophenyl)ethyl(hydroxy)formamide;

 $(R/S)-1-\{[(4-\{[(2,5-dimethylbenzyl)oxy]methyl\}piperidin-1-yl)sulphonyl]methyl\}-4-pyrimidin-1-yl)sulphonyl]methyl\}-4-pyrimidin-1-yl)sulphonyl]methyl$ 

2-ylbutyl(hydroxy)formamide

 $(R/S)-2-methyl-3-(\{4-[(2-methylquinolin-4-yl)methoxy]piperidin-1-yl\} sulphonyl) propionic and the propionic of the propioni$ 

hydroxamic acid

phenylethyl(hydroxy)formamide

(R/S)-hydroxy(1-phenyl-2-{[4-(pyridin-2-ylmethoxy)piperidin-1-yl]sulphonyl}ethyl)formamide;

 $(R/S)-hydroxy(1-phenyl-2-\{[4-(pyridin-3-ylmethoxy)piperidin-1-yl]sulphonyl\} ethyl) formamide;$ 

 $(R/S)-2-(\{4-[(2,6-difluoro-3-methylbenzyl)oxy]piperidin-1-yl\} sulphonyl)-1-yl-2-(\{4-[(2,6-difluoro-3-methylbenzyl)oxy]piperidin-1-yl\} sulphonyl)-1-yl-2-(\{4-[(2,6-difluoro-3-methylbenzyl)oxy]piperidin-1-yl\} sulphonyl)-1-yl-2-(\{4-[(2,6-difluoro-3-methylbenzyl)oxy]piperidin-1-yl\} sulphonyl)-1-yl-2-(\{4-[(2,6-difluoro-3-methylbenzyl)oxy]piperidin-1-yl] sulphonyl)-1-yl-2-(\{4-[(2,6-difluoro-3-methylbenzyl)oxy]piperidin-1-yl] sulphonyl)-1-yl-2-(\{4-[(2,6-difluoro-3-methylbenzyl]oxy]piperidin-1-yl] sulphonyl)-1-yl-2-(\{4-[(2,6-difluoro-3-methylbenzyl]oxy]piperidin-1-yl] sulphonyl)-1-yl-2-(\{4-[(2,6-difluoro-3-methylbenzyl]oxy]piperidin-1-yl] sulphonyl)-1-yl-2-(\{4-[(2,6-difluoro-3-methylbenzyl]oxy]piperidin-1-yl-3-([(2,6-difluoro-3-methylbenzyl]ox$ 

phenylethyl(hydroxy)formamide;

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ylethyl(hydroxy)formamide;

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(R/S)-2-({4-[(2-chloro-6-fluorobenzyl)oxy]piperidin-1-yl}sulphonyl)-1phenylethyl(hydroxy)formamide; (R/S)-2-({4-[(5-fluoro-2-methylbenzyl)oxy]piperidin-1-yl}sulphonyl)-1phenylethyl(hydroxy)formamide; (R/S)-2-{[4-(benzyloxy)piperidin-1-yl]sulphonyl}-1-phenylethyl(hydroxy)formamide: (R/S)-hydroxy[2-({4-[(2-methylbenzyl)oxy]piperidin-1-yl}sulphonyl)-1-phenylethyl]formamide; (R/S)-2-({4-[(3-chlorobenzyl)oxy]piperidin-1-yl}sulphonyl)-1-phenylethyl(hydroxy)formamide; (R/S)-2-({4-[(2-bromobenzyl)oxy]piperidin-1-yl}sulphonyl)-1-phenylethyl(hydroxy)formamide; (R/S)-2-({4-[(2-fluorobenzyl)oxy]piperidin-1-yl}sulphonyl)-1-phenylethyl(hydroxy)formamide: (R/S)-2-({4-[(2,6-difluorobenzyl)oxy]piperidin-1-yl}sulphonyl)-1phenylethyl(hydroxy)formamide; (R/S)-2-({4-[(3-fluorobenzyl)oxy]piperidin-1-yl}sulphonyl)-1-phenylethyl(hydroxy)formamide; (R/S)-hydroxy{1-phenyl-2-[(4-{[4-(trifluoromethyl)benzyl]oxy}piperidin-1yl)sulphonyl]ethyl} formamide; (R/S)-2-{[4-(cyclohexylmethoxy)piperidin-1-yl]sulphonyl}-1-phenylethyl(hydroxy)formamide; (R/S)-2-({4-[(4-bromobenzyl)oxy]piperidin-1-yl}sulphonyl)-1-phenylethyl(hydroxy)formamide; (R/S)-2-({4-[(4-fluorobenzyl)oxy]piperidin-1-yl}sulphonyl)-1-phenylethyl(hydroxy) formamide;  $(R/S)-2-(\{4-[(2,5-dimethylbenzyl)oxy]piperidin-1-yl\}sulphonyl)-1$ phenylethyl(hydroxy)formamide; (R/S)-2-({4-[(2-fluoro-3-methylbenzyl)oxy]piperidin-1-yl}sulphonyl)-1phenylethyl(hydroxy)formamide; (R/S)-hydroxy[2-({4-[(2-methylbenzyl)oxy]piperidin-1-yl}sulphonyl)-1-pyridin-3ylethyl]formamide; (R/S)-hydroxy[2-({4-[(4-methylbenzyl)oxy]piperidin-1-yl}sulphonyl)-1-pyridin-3ylethyl]formamide; (R/S)-2-({4-[(2-fluorobenzyl)oxy]piperidin-1-yl}sulphonyl)-1-pyridin-3-

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(R/S)-2-({4-[(2-chlorobenzyl)oxy]piperidin-1-yl}sulphonyl)-1-pyridin-3-ylethyl(hydroxy)formamide;

(R/S)-2-({4-[(2,4-dichlorobenzyl)oxy]piperidin-1-yl}sulphonyl)-1-pyridin-3-ylethyl(hydroxy)formamide;

(R/S)-2-({4-[(2,6-dichlorobenzyl)oxy]piperidin-1-yl}sulphonyl)-1-pyridin-3-ylethyl(hydroxy)formamide;

(R/S)-hydroxy(2-{[4-(mesitylmethoxy)piperidin-1-yl]sulphonyl}-1-pyridin-3-ylethyl)formamide;

(R/S)-2-({4-[(3,4-dichlorobenzyl)oxy]piperidin-1-yl}sulphonyl)-1-pyridin-3-ylethyl(hydroxy)formamide;

(R/S)-hydroxy[2-({4-[(3-methoxybenzyl)oxy]piperidin-1-yl}sulphonyl)-1-pyridin-3-ylethyl]formamide;

(R/S)-hydroxy[2-({4-[(3-methylbenzyl)oxy]piperidin-1-yl}sulphonyl)-1-pyridin-3-ylethyl]formamide;

(R/S)-2-({4-[(3,4-dimethylbenzyl)oxy]piperidin-1-yl}sulphonyl)-1-pyridin-3-ylethyl(hydroxy)formamide;

(R/S)-hydroxy[2-({4-[(4-methoxybenzyl)oxy]piperidin-1-yl}sulphonyl)-1-pyridin-3-ylethyl]formamide;

(R/S)-hydroxy[2-({4-[(4-isopropylbenzyl)oxy]piperidin-1-yl}sulphonyl)-1-pyridin-3-ylethyl]formamide;

(R/S)-2-({4-[(3-chloro-4-methylbenzyl)oxy]piperidin-1-yl}sulphonyl)-1-pyridin-3-ylethyl(hydroxy)formamide;

(R/S)-N-hydroxy-N-isopropyl-2-methyl-3-({4-[(2-methylquinolin-4-yl)methoxy]piperidin-1-yl}sulphonyl)propanamide;

hydroxy{(1R)-1-[({4-[(2-methylquinolin-4-yl)methoxy]piperidin-1-yl}sulphonyl)methyl]-4-pyrimidin-2-ylbutyl}formamide;

hydroxy{(1S)-1-[({4-[(2-methylquinolin-4-yl)methoxy]piperidin-1-yl}sulphonyl)methyl]-4-pyrimidin-2-ylbutyl}formamide;

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(2R)-N-hydroxy-2-methyl-3-({4-[(2-methylquinolin-4-yl)methoxy]piperidin-1-

yl}sulphonyl)propanamide

(R/S)-2-cyclopentyl-N-hydroxy-3-({4-[(2-methylquinolin-4-yl)methoxy]piperidin-1-

yl}sulphonyl)propanamide;

(2S)-2-cyclopentyl-N-hydroxy-3-({4-[(2-methylquinolin-4-yl)methoxy]piperidin-1-

yl}sulphonyl)propanamide;

(2R)-2-cyclopentyl-N-hydroxy-3-({4-[(2-methylquinolin-4-yl)methoxy]piperidin-1-

yl}sulphonyl)propanamide;

(2S)-N-hydroxy-4-methyl-2-[({4-[(2-methylquinolin-4-yl)methoxy]piperidin-1-

yl}sulphonyl)methyl]pentanamide;

(2R)-N-hydroxy-4-methyl-2-[({4-[(2-methylquinolin-4-yl)methoxy]piperidin-1-

yl}sulphonyl)methyl]pentanamide; and

(R/S)-N-{1-[4-(2,6-dimethyl-pyridin-4-ylmethoxy)-piperidine-1-sulphonylmethyl]-4-pyrimidin-

2-yl-butyl}-*N*-(hydroxy)formamide.

## 8. (Cancelled)

- 9. (Currently amended) A method, the method comprising treating a disease condition mediated by one or more metalloproteinase enzymes by administering to a warm-blooded animal in need of such treatment an effective amount The use of a compound according to claim 1 in the manufacture of a medicament in the treatment of a disease condition mediated by one or more metalloproteinase enzymes.
- 10. (Currently amended) A method, the method comprising treating a disease condition mediated by TNFα by administering to a warm-blooded animal in need of such treatment an effective amount The use of a compound according to claim 1-in the manufacture of a medicament in the treatment of a disease condition mediated TNFα.

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11. (Currently amended) A method of treating autoimmune disease, allergic/atopic diseases, transplant rejection, graft versus host disease, cardiovascular disease, reperfusion injury and malignancy in a warm-blooded animal, such as man, in need of such treatment which comprises administering to said animal an effective amount of a compound-according according to claim 1.

- 12. (Original) A pharmaceutical composition comprising a compound according to claim 1; and a pharmaceutically-acceptable diluent or carrier.
- 13. (Original) A process for preparing a compound according to claim 1 which comprises; when Z is -N(OH)CHO, the step of:
- a) converting a hydroxylamine of formula (2) into a compound of formula (1);

or where Z is -CONR<sup>15</sup>OH the step of;

converting an acid of formula (14) into a compound of formula (1); b)

and thereafter if necessary:

- i) converting a compound of formula (1) into another compound of formula (1);
- ii) removing any protecting groups;
- iii) forming a pharmaceutically acceptable salt or in vivo hydrolysable ester.